

Wallowa County Chieftain

County Pioneer Paper

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Invariably in Advance.

THURSDAY, MAY 13, 1909.

FARMERS' CO-OPERATIVE UNION GROWS RAPIDLY

A new farmers' organization, The Farmers' Educational and Co-operative Union, is making a strong bid for public favor and is having a wonderful growth wherever locals are started. Three or four will be organized soon in Union county.

A strong local has been organized in the Twin Falls district.

At St. Johns, Wash., they will build a warehouse; and an organizer says of the St. Johns local: "The Union has had a marvelous growth. We began a year ago with nine charter members and today have 125 of the best farmers in the organization. The union has saved us much money in wood, posts and fuel."

The Palouse, Wash., farmers' union has accepted the bid of the Beemish company of Omaha for sacks in carload lots. The price is not made public, but it is understood to be much lower than in the past. The union has secured the two inland warehouses there.

Used by the Multitude.
Levy's Oregon Grape Compound. For general spring tonic. Sold and guaranteed by Burnaugh & Mayfield.

SELF-HELP WINS EVERY TIME.

From Pendleton E. O.
It is reported that farmers along the coast of the proposed electric line from Oregon City to Molokai have subscribed about \$75,000 to that enterprise, which will go far toward insuring its success. This is the way for farmers, dairymen and fruit raisers, in many such localities, to help themselves, to increase greatly the value of their property and render their labor more profitable and their lives easier.

Kills to Stop the Fiend.

The worst foe for 12 years of John Deye, of Gladwin, Mich., was a running ulcer. He paid doctors over \$400.00 without benefit. Then Bucklen's Arnica Salve killed the ulcer and cured him. Cures Fever Sores, Bolls, Felons, Eczema, Salt Rheum, Cuts, Corns, 25c at Burnaugh & Mayfield.

NOTICE FOR PUBLICATION.

Department of the Interior.
United States Land Office at La Grande, Oregon, May 2, 1909.
Notice is hereby given that John F. McCoy, of Imnaha, Oregon, who, on May 8, 1902, made Homestead Entry No. 11360-Serial No. 03639, for Lot 2, SE 1/4, NW 1/4, and S 1/4, NE 1/4, Section 10, Township 2 North, Range 18 East, Willamette Meridian, has filed notice of intention to make Final five year Proof, to establish claim to the land above described, before D. W. Sheahan, U. S. Commissioner, at Enterprise, Oregon, on the 21st day of June, 1909.

Claimant names as witnesses: Gilbert H. Vest of Enterprise, Oregon; Jonathan Haas, of Enterprise, Oregon; Luther Stumbaugh of Imnaha, Oregon; Jasper N. Stubblefield, of Imnaha, Oregon.

37c5 F. C. Bramwell, Register.

Information Concerning Eighth Grade Final Examinations.
1. Dates:
Three examinations annually. Each county superintendent to select months for his county.
(a) January 21-22, 1909.
(b) May 13-14, 1909.
(c) June 10-11, 1909.
(d) September 2-3, 1909.
2. Program:
(a) Thursdays—Arithmetic, Writing, History, and Civil Government.

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2. Program:
(a) Thursdays—Arithmetic, Writing, History, and Civil Government.

- (b) Fridays — Grammar, Physiology, Geography, and Spelling.
3. Sources of Questions:
(a) Civil Government — United States Constitution.
(b) Geography — State Course of Study: Redway and Hinman's Natural School Geography.
(c) History — List of topics from History Outline in State Course of Study and Current Events.
(d) Language — Buehler's Modern English Grammar, no diagramming.
(e) Reading — The teacher will send to the County Superintendent the applicant's class standing in reading, which shall be taken by such superintendent as the applicant's standing on the subject.
(f) Spelling — Eighty per cent from Read's Word Lessons, and twenty per cent from manuscript in Language.
(g) Writing — Specimens of penmanship as indicated in copied matter and from manuscript in Language.

Respectfully submitted,
J. H. ACKERMAN,
Supt. Public Instruction.
J. C. CONLEY,
Supt. of Schools.

Notice of Examination.
Notice is hereby given that the regular eighth grade examination will be held May 13-14 in the several school districts.

Teachers preparing classes for this examination will report number and names of applicants to this office at once.

Respectfully
J. C. CONLEY,
County Superintendent.

NOTICE OF FINAL SETTLEMENT OF ESTATE.

In the County Court of the State of Oregon, for Wallowa County.
In the matter of the Estate of Olof Cederlund, Deceased.

Notice is hereby given, that the undersigned Administrator of the estate of Olof Cederlund, Deceased, has filed his final account of the administration of said estate with the clerk of the County Court of Wallowa County, Oregon, and said Court has fixed Saturday, May 8, 1909, at the hour of 10 o'clock a. m., of said day, at the Court House, at Enterprise, Wallowa County, Oregon, as the time and place of hearing objections to said account and the settlement of the same.

All persons having objections there to are notified to file the same in writing on or before said day, with the Clerk of said Court.

LOUIS OLSEN,
Administrator of the Estate of Olof Cederlund, Deceased.
BURLING & BOYD, Attorneys for the Estate. 33c5

ESTRAY NOTICE.

I, the undersigned, have this day taken up one red cow, about 4 years old, described as follows: Swallow fork in right ear, under half crop or slope in left ear, branded on right leg with a lazy M; also her red half-calf without any visible mark or brand. On my place on Alder Slope known as the A. C. Smith place, later as the Fred Shafer place, April 5, 1909. W. W. HARRIS. 35c4

HIDES AND PELTS WANTED.
Bring your hides and pelts to Enterprise and receive big price for them. Joe Allen & Co. Warehouse west of Boswell's barn. ctf



Watch for
Next
Announcement

Home Course In Modern Agriculture

IX.—Weeds and How to Combat Them

By C. V. GREGORY,
Agricultural Division, Iowa State College
Copyright, 1909, by American Press Association

IN attempting to produce large crops the farmer finds that he has many enemies working against him. Among the worst of these are weeds. One of the greatest problems that confront the farmer is that of keeping his crops free from these pests. After a field has been so handled and prepared that a large amount of plant food is in available form, with plenty of moisture to dissolve it, it is poor policy to allow weeds to seize this food and moisture and convert them into a worthless product.

Weeds may be divided into three general classes—annuals, biennials and perennials. Annual weeds are propagated entirely by seeds and live but one year. An exception to this is found in the winter annuals, which come up in the fall, live through the winter as small plants and produce seed the following spring.

Among the most troublesome annual weeds are the foxtails. These are grasslike plants that are too common to need any special description. The fact that makes them so difficult to



FIG. XVII.—A RUSSIAN THISTLE.
combust is their great seed producing capacity. It is not difficult to kill one formal plant, but no sooner is that done than another springs up to take its place.

Early fall plowing gets rid of many of these weeds by turning them under before the seed is ripe. Some of the seed which is ripe will grow up, and the plants will be killed by the first frosts of winter. If the field is harrowed early in the spring many of the remaining seed can be induced to start. The more weeds that come up at this time the better, since they will be killed in the subsequent preparation of the land for planting.

There is no better implement for killing weeds before corn comes up than the harrow. Harrowing is a cheap operation, since so many acres can be gone over in a day. The more times a cornfield can be gone over with the harrow before the corn comes up the better. In harrowing to kill weeds care should be taken not to do the work when the weather is cloudy or the ground too wet, or the weeds will be transplanted rather than killed.

In regard to the value of harrowing growing corn opinions differ greatly. It is almost impossible, however, to harrow corn without destroying some of it. It is a waste of time to test the seed and planter with the idea of getting a good stand and then harrow part of it out. Unless the weeds are very bad the harrow had better be put away in the machine shed as soon as the corn begins to appear above the surface of the ground.

Thorough cultivation from the time the corn is two or three inches high until it is ready to "lay by" will do much to keep the weeds in check. The deep early cultivations will bring up the seeds that have been lying dormant at the bottom of the furrow slice. These will germinate and be killed by the later cultivations. Foxtail may grow up and go to seed after the crop gets too large to cultivate. It is often a good plan to sow rape in corn at the last cultivation. This will come up quickly and shade the ground so completely that it will prevent the growth of annual weeds almost entirely.

Annual weeds seldom do much damage in small grain. If the grain is drilled in on a properly prepared seed bed it will get such a start that most of the weeds will be smothered out and die for lack of plant food and light. One annual that is sometimes troublesome in grainfields is mustard. Since this weed is easily killed by cultivation it seldom goes to seed in cornfields. Consequently when small grain follows corn there is little mustard seed in the soil except that which is sown with the oats.

There is another annual, or rather winter annual, that is much harder to eradicate than those mentioned so far. This is squirreltail grass, so called because of its fuzzy heads. The seeds are very light and are attached to long beards, which cause them to be carried for considerable distances by the wind.

Squirreltail grass is not troublesome in cultivated fields, but often infests meadows and pastures to such an extent as to make them almost worthless. Mowing as soon as the

heads appear will not kill the plant, but if kept up throughout the season will prevent it from producing seed. In bad cases about the only remedy is to plow up the field and put it in to some cultivated crop. Where a regular rotation which includes the meadows and pastures is followed this weed can be readily kept in check. A point that must be carefully attended to in preventing the spread of this as well as of any other weed is to keep the roadsides and fence corners from raising weed seed enough each year to keep the entire farm seeded.

Another troublesome annual in some sections of the country is the Russian thistle, a form of tumbleweed. By rolling across the fields after it ripens it scatters its numerous seeds very widely. These weeds are usually not so plentiful but that they can be easily destroyed by pulling before they form seed. By doing this they may be kept from becoming thick enough to do any serious damage.

Biennial weeds live through the first winter and produce seed the second year of their life. They die as soon as the seed is ripe. The common bull and prairie thistle and burdock are conspicuous examples of this class of weeds. Biennials are not difficult to subdue. In cultivated fields they seldom live long enough to produce seed. They seed so late that they hardly ever ripen seed in meadows. In permanent pastures they may be controlled by cutting off below the surface of the ground just at the beginning of blossoming time. Sheep and goats will rid a pasture of these and all other troublesome weeds.

The hardest class of weeds to combat are the perennials. These do not depend entirely upon seed production to spread themselves, but are propagated by means of underground stems. These stems extend along beneath the surface of the ground, sending up stalks at short distances. They live in the soil from year to year, sending up fresh shoots every spring.

Some of the most common and troublesome perennials are the Canada thistle, morning glory, wild artichoke, milkweed and quack grass. These weeds are found on all parts of the farm—in cultivated fields, in small grain and in meadows and pastures. The only way to kill them is to destroy the roots or starve them by preventing leaf growth. This is much more easily said than done. Where the weeds occur only in small patches the desired result may be accomplished by covering them with a thick layer of straw. In a dry season thorough cultivation will discourage them, though it will seldom exterminate them entirely. When the ground is wet cultivation will do more to spread perennial weeds than to kill them. The pieces of the underground stems which stick to the shovels will grow wherever they happen to fall and thus start a new center of trouble.

Of all the means of getting rid of perennial weeds that have been tried none is so effective as turning the field into a hog pasture. If the fields are fenced hog tight and the rotation includes the hog pasture the hogs will get a chance at all parts of the farm



FIG. XVIII.—QUACK GRASS.
every four years or so. They are very fond of the roots and stems of perennial weeds, especially those of quack grass and morning glory, and they will continue to root until the last piece is brought to light and eaten. Where all the fields are not fenced hog tight a temporary pen may be used. This can be moved about over the patches of quack grass and morning glory until they are destroyed.

The weed problem is not nearly so difficult as many people believe. The remedy for weeds is good farming, and when good farming becomes the rule weeds will largely disappear. In a way weeds are more of a benefit than an injury. If it were not for them we would often be tempted to let the cornfield go a few days longer before cultivating and thus fall to get as large a crop as we might otherwise have done. It is the cultivation that the presence of the weeds forces upon us that makes plant food available and prevents the escape of capillary moisture and so enables the plants to put their best efforts into producing a maximum yield.

Chamberlain's Liniment.

This is a new preparation and a good one. It is especially valuable as a cure for chronic and muscular rheumatism, and for the relief from pain which it affords in acute inflammatory rheumatism. Those who have used it have invariably spoken of it in the highest terms of praise. Lameness, lame shoulder and stiff neck are due to rheumatism of the muscles, usually brought on by exposure to cold or damp, and are quickly cured by applying this liniment freely and massaging the affected parts. Soreness of the muscles, whether induced by violent exercise or injury, is allayed by this liniment. For sale by Burnaugh & Mayfield.

Dynamiting Niagara Falls. (Popular Mechanics.)

For the first time in modern history the power of Niagara has been effectually checked, at least on the American side, this remarkable condition being caused by nothing more nor less than its own frozen water. Pedestrians were able to cross at the point where the jam started, as well as on the very crest of the falls and along the ridge of ice in the gorge almost under the point where the great volume of water usually tumbles. During the period of the jam the water in the gorge was 40 feet below its average level. The great electric companies which have harnessed Niagara on the American side fought the jam with dynamite in an attempt to keep enough water running to provide them with the required power.

For dyspepsia, indigestion and loss of appetite take Levy's Oregon Grape Compound. Sold and guaranteed by Burnaugh & Mayfield, Enterprise, Oregon.

STALLION BOOKS.

Indispensable records for owners of stallions, description of mares, dates of service, time of payments and all necessary data, printed on good paper and strongly bound in boards with cloth back, for sale at this office, or sent postage prepaid on receipt of price, \$1.

WALLOWA BRANCH TIMETABLE.

East bound	Westbound
Leave from	Arrive at
La Grande Stations	La Grande Stations
9:45 Lv. 0 La Grande	2:30 Arr.
5:55 " 2.5 Island City	1:55 Lv.
10:00 " 8.3 Almo	1:40 "
10:10 " 12.3 Imbler	1:25 "
10:20 " 20.9 Elgin	1:00 "
11:25 " 33.2 Palmer Jet	11:35 "
11:40 " 23.7 Looking Glass	11:30 "
12:45 " 47.1 Minam	10:30 "
2:00 " 60.0 Wallowa	9:00 "
2:45 " 67.8 Lostine	8:15 "
3:45 " 78.0 Enterprise	7:30 "
4:45 Arr 82.8 Joseph	7:15 "

p.m. a.m.

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LODGE DIRECTORY.

I. O. O. F. ENTERPRISE LODGE, No. 153.
EMERALD REBEKAH LODGE, No. 119
K. of P. ENTERPRISE LODGE, No. 54.
JUANITA TEMPLE, No. 1, Pythias Sisters.

MASONIC ENTERPRISE CHAPTER, No. 36, Royal Arch Masons, meets first and third Tuesdays of each month in Masonic Hall. All visiting Royal Arch Masons welcomed.
J. B. OLMSTED, High Priest.
D. W. SHEAHAN, Secretary.

WALLOWA LODGE, No. 82, A. F. & A. M., meets second and fourth Saturdays of each month in Masonic Hall. Visiting Masons welcomed.
J. A. BURLING, W. M.
W. C. BOATMAN, Secretary.

WALLOWA VALLEY CHAPTER, No. 50, O. E. S. meets first and third Saturdays of each month, in Masonic Hall. Visiting Stars are always welcomed.
MRS. ELVA L. FRENCH, W. M.
MRS. MARY E. STEEL, Sec.

M. W. A. EAGLE CAMP, No. 10497, M. W. A., W. A. Meets first and third Thursdays in each month, in new Fraternal hall. Visiting neighbors always welcome.
J. W. RODGERS, Consul.
T. M. DILL, Clerk.

W. O. W. ENTERPRISE CAMP, No. 535, W. O. W.
ALMOTA CIRCLE No. 278, W. O. W.

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"If ever I need a cough medicine again I know what to get," declares Mrs. A. L. Alley, of Beas, Me., "for after using ten bottles of Dr. King's New Discovery, and seeing its excellent results in my own family and others, I am convinced it is the best medicine made for Coughs, Colds, and lung trouble." Every one who tries it feels just that way. Relief is felt at once and its quick cure surprises you. For Bronchitis, Asthma, Hemorrhage, Croup, LaGrippe, Sore Throat, pain in the chest or lungs it's supreme. 50c and \$1.00. Trial bottle free. Guaranteed by Burnaugh & Mayfield.

Miss Gertrude Dudley, director of woman's athletics, of the University of Chicago has declared big hats and pompadours unhygienic. To be up to date woman must be athletic. How will she manage it?

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